

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027736**Date Inspected:** 09-Jun-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job site**CWI Name:** As Noted Below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG/Tower**Summary of Items Observed:**

Quality Assurance Inspector (QA) Rodney Patterson was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

Tower (ESW Repairs)

This QA inspector observed ABF/JV personnel performing the final grinding of weld reinforcement for weld ESW "E" from face "B". The Y location of the repair was noted as Y= 6645~7640. The welding of this location was completed on the previous shift. The ABF QC Inspector Ted Elo was present in order to monitor the progression of work.

This QA noted and periodically observed ABF/JV welding personnel performing excavation of weld ESW "H" previously rejected by Ultrasonic Testing (UT). The Quality Control (QC) Inspector Jesse Cayabyab performed Magnetic Particle (MT) and visual confirmation of excavations. The QC observed rejectable indications at the time of testing and instructed the welding personnel to continue until they were no longer present. Excavations have been recorded and are to be submitted to engineer for further review. The Y location of the weld repair is Y=1710, Length 170 and was excavated to a depth of 18mm.

This QA inspector observed ABF/JV personnel performing the final grinding of weld reinforcement for weld ESW "M" from face "A". The Y location of the repair was noted as Y= 8240~8770. The welding of this location was completed on the previous shift. The ABF QC Inspector Bernard Docena was present in order to monitor the progression of work.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

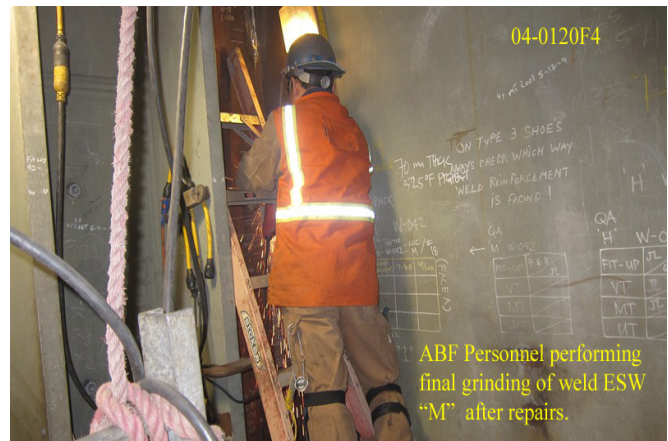
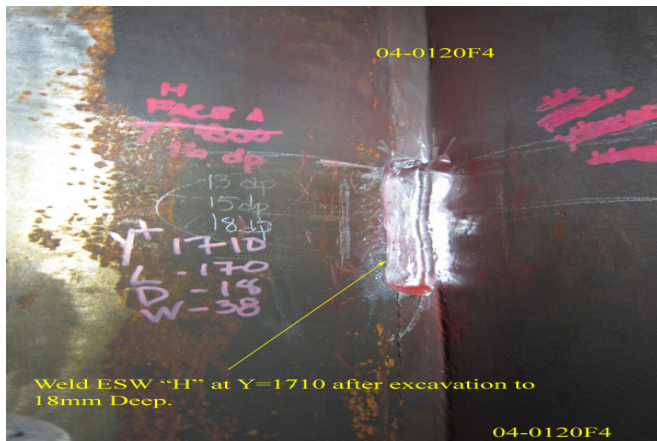
OBG (13E Deck drop in)

This QA inspector observed ABF/JV personnel performing the final overhead grinding operations of the lift 13 East deck weld reinforcement that was welded on an earlier shift. The QC inspector Salvador Merino was present in order to monitor the progression of work inspecting the grinding at the weld toe to ensure sufficient blending prior to final UT and MT inspection.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.



Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Patterson,Rodney

Quality Assurance Inspector

Reviewed By: Levell,Bill

QA Reviewer